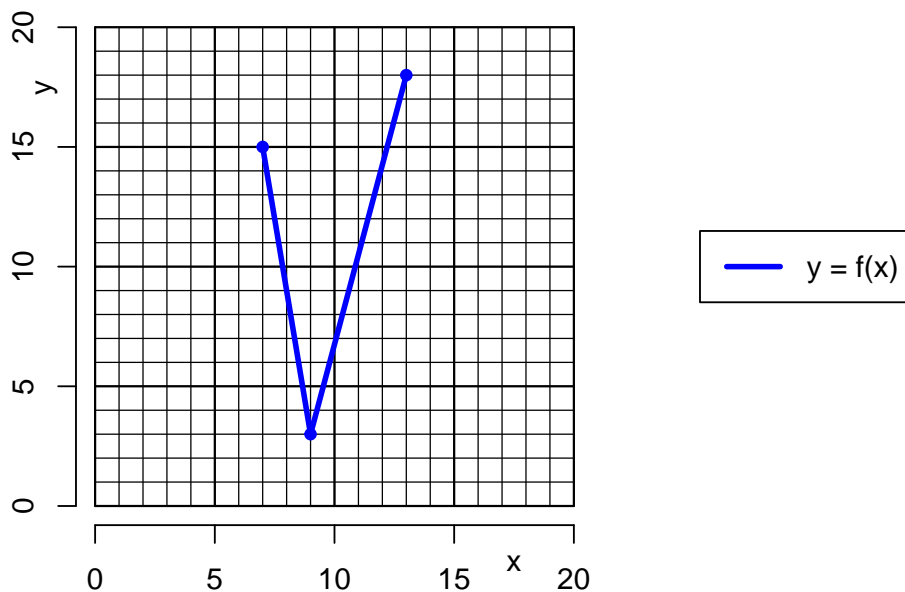# PCW_09_18 Find new points after transformation (version 15)

Question 1

Curve $y = f(x)$ contains points $(7, 15)$ and $(9, 3)$ and $(13, 18)$, as shown on the x-y plane below.
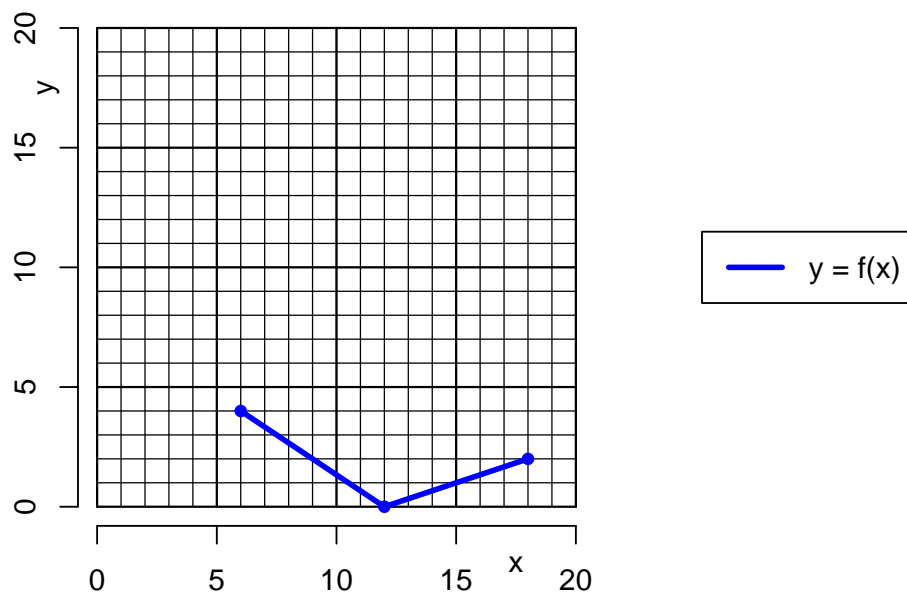

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x+6}{2}\right] - 3}{3}$$

Question 2

Curve $y = f(x)$ contains points $(6, 4)$ and $(12, 0)$ and $(18, 2)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = 2f[3x - 3] + 4$$